



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Saturday, April 13, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Numerous severe thunderstorms capable of producing tornadoes, wind damage, and large hail are expected across E TX, much of LA, and S AR. A few tornadoes could possibly be strong.
- Severe storms are also possible into Central/N/SE TX, Central/E AR, and SE LA.
- Heavy rainfall/flash flooding possible across AR, N LA, OK and N TX.
- Critical Fire Weather Conditions for portions of S TX.
- Snow over NE NM with mostly minor travel impacts expected except for the higher elevations where heavier amounts are expected.

Sunday

- Strong to severe thunderstorms possible across extreme SE LA early Sunday morning.

Monday - Tuesday

- No significant weather impacts expected.

Wednesday

- Severe thunderstorms possible across Central/E OK, much of the eastern 1/3 of TX into AR, LA.

River Flooding

- Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.
 - Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.
 - Current forecasts show levels will continue to fall into next week. However, current forecasts do not account for any additional rainfall beyond 24 hours or any flooding from the upstream portions of the MS River.
- Minor flooding with a few sites reaching moderate flood possible across NE TX this weekend into next week.

FEMA Region 6 Threat Matrix

Apr 13, 2019 – Apr 17, 2019



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	Far ETX/SE AR/ Central & N LA	Extreme SE LA			C&E OK Much Eastern 1/3 TX AR/LA
	ETX/S LA/S AR				
	C/N/SE TX, SE LA				
Heavy Rain / Flash Flooding	AR into Arlatex				
	NTX/N LA/OK/ N&W AR				
Winter Weather	NE NM				
Fire Weather	STX				
River Flooding	E/SE LA	E/SE LA	E/SE LA	E/SE LA	E/SE LA
			NETX	NETX	NETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

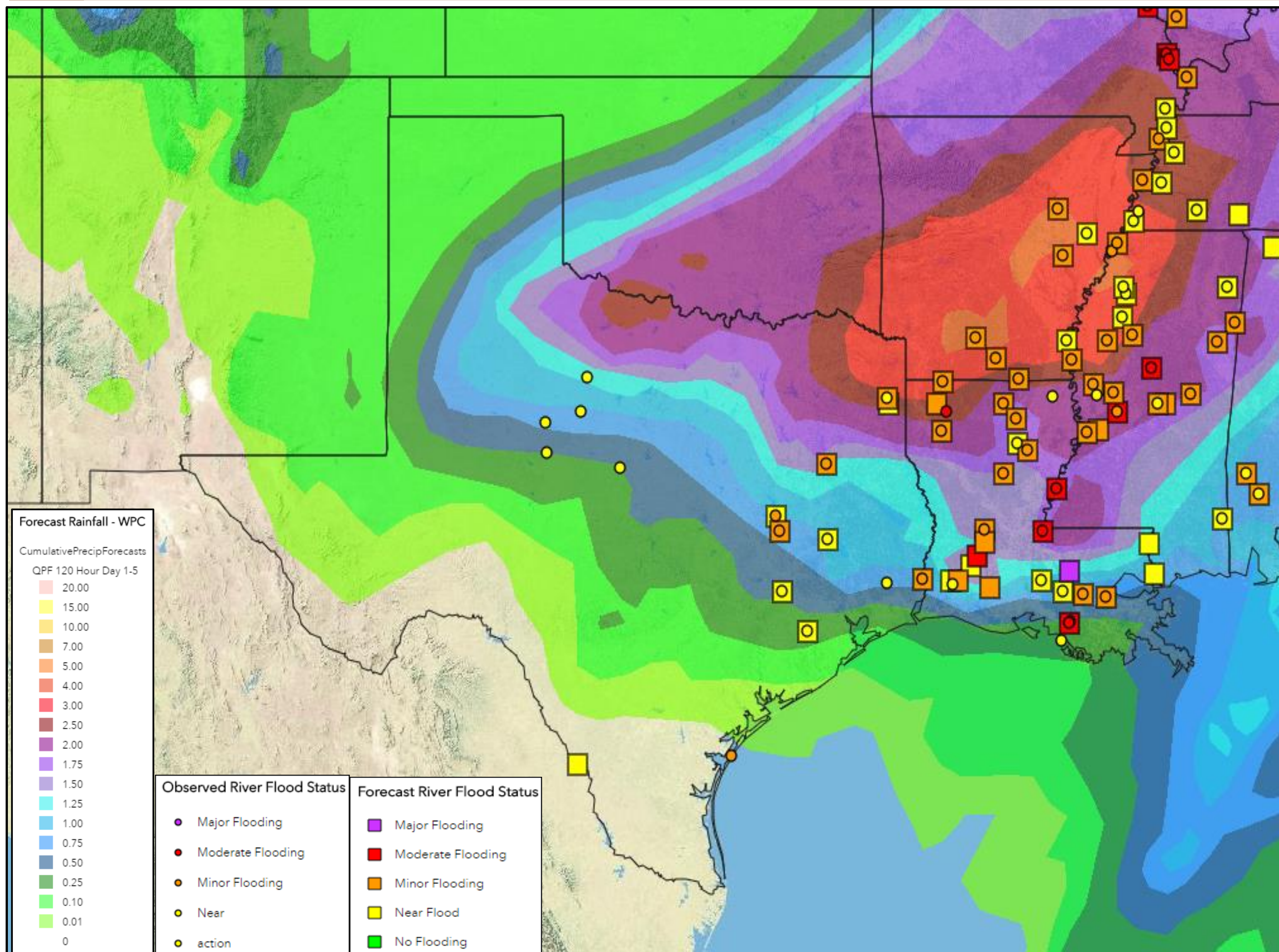
Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.

- **MS River at Baton Rouge is at Major flood. Current forecasts have levels dropping into Moderate flood next week. Shipping and industrial activities are significantly affected.**
- **Several other points remain at moderate flood.**
- **The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open for a couple of more weeks. No impacts are noted.**
- **Heavy rain over most of LA on Saturday has the potential to cause additional flooding.**

Minor river flooding will continue for much of this week on the MS River in E AR.

Note: Current forecasts do not account for any additional rainfall beyond 24 hours or any additional flooding from the upstream portions of the Mississippi River.

Minor to possibly moderate flooding possible across NETX this weekend into next week.

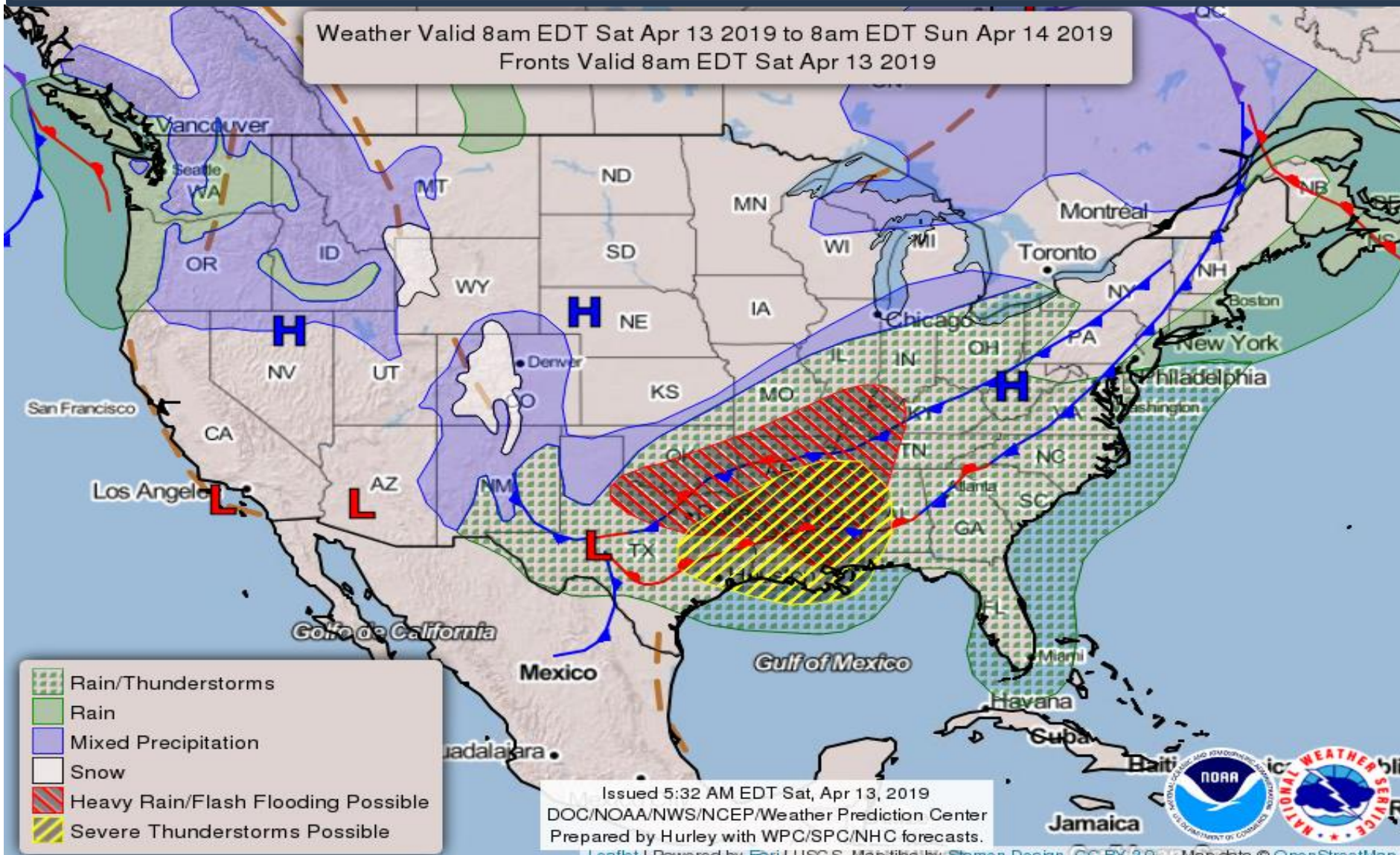


Today's Weather

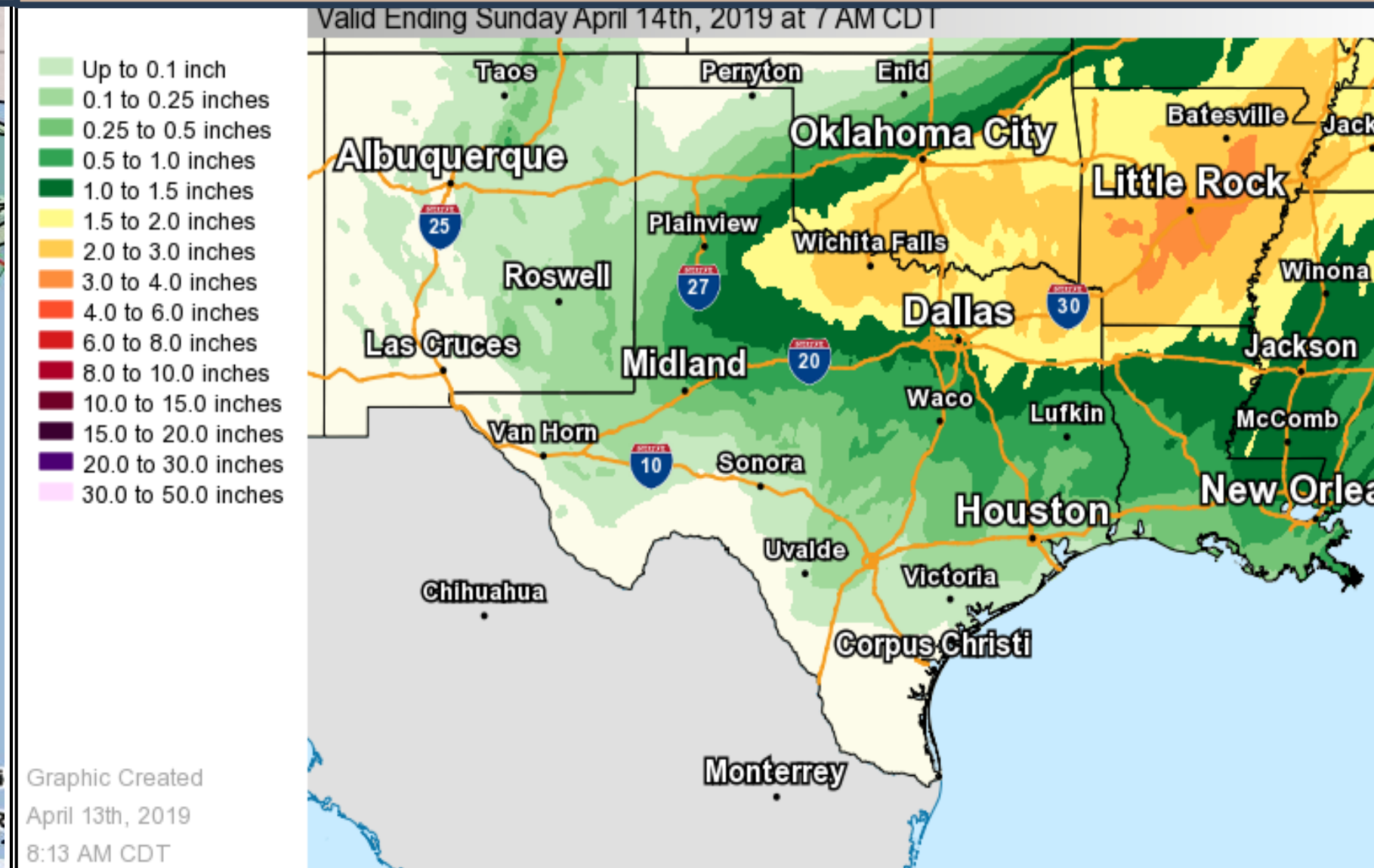


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Forecast Chart



Forecast Rainfall



Numerous severe thunderstorms capable of producing tornadoes, wind damage, and large hail are expected across E TX, much of LA, and S AR. A few tornadoes could possibly be strong.

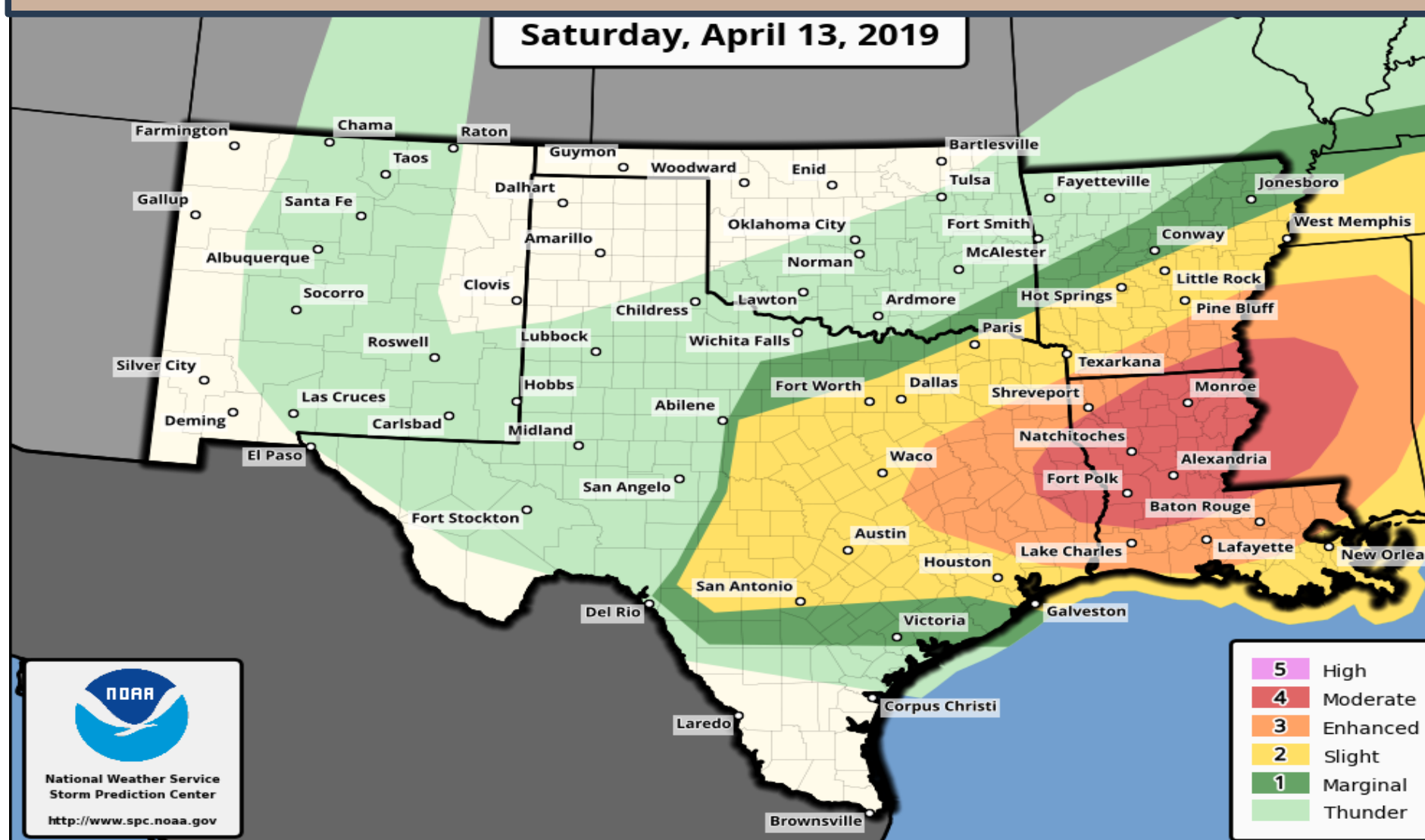
Severe storms are also possible into Central/N/SE TX, Central/E AR, and SE LA.

Heavy rain/flash flooding likely over AR into the Arklatex.

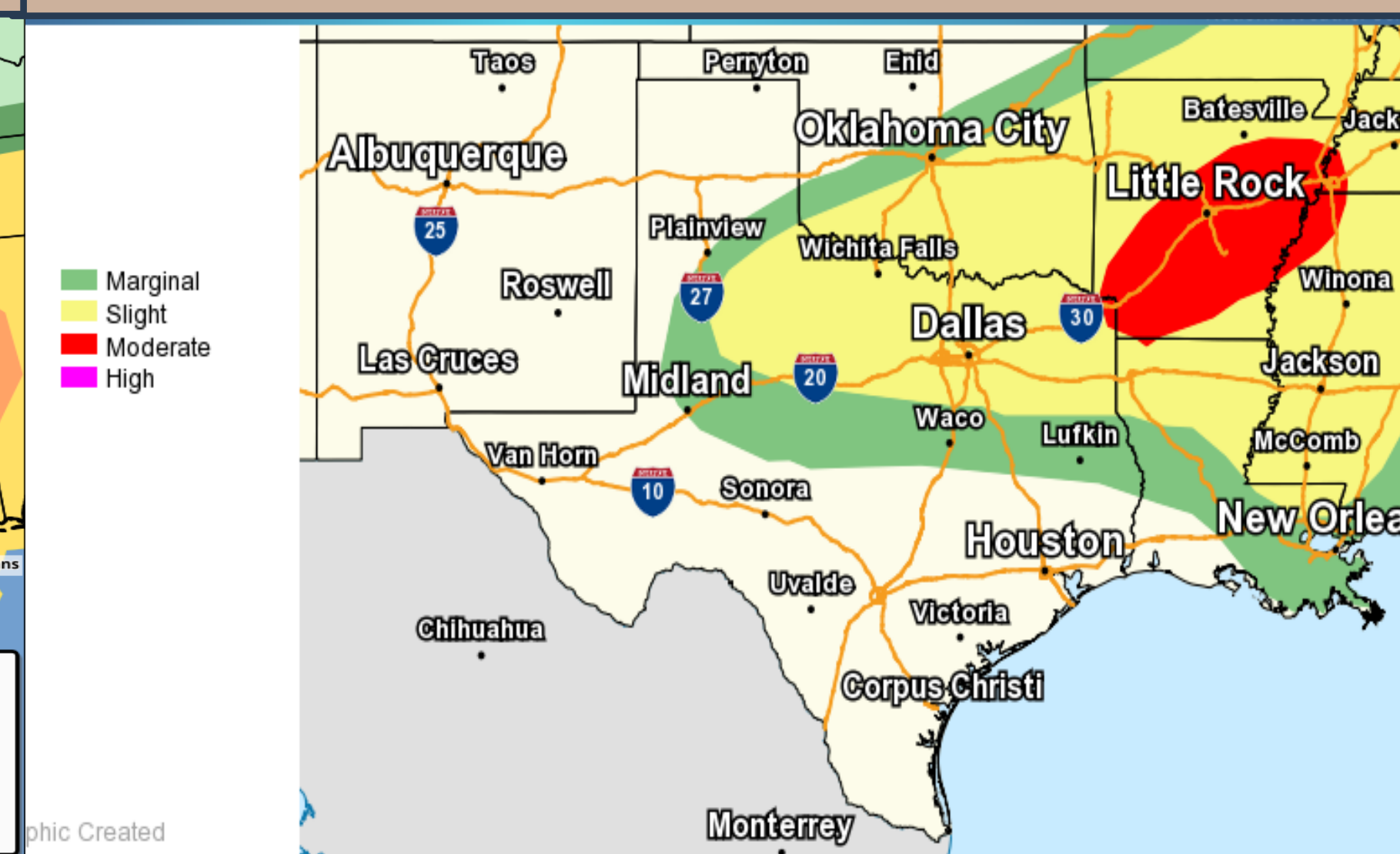
Heavy rainfall/flash flooding also possible over N TX, OK, N LA, and W/N AR.

Snow over NE NM with mostly minor travel impacts expected except for the higher elevations where heavier amounts are expected.

Severe Weather Outlook



Excessive Rainfall Outlook

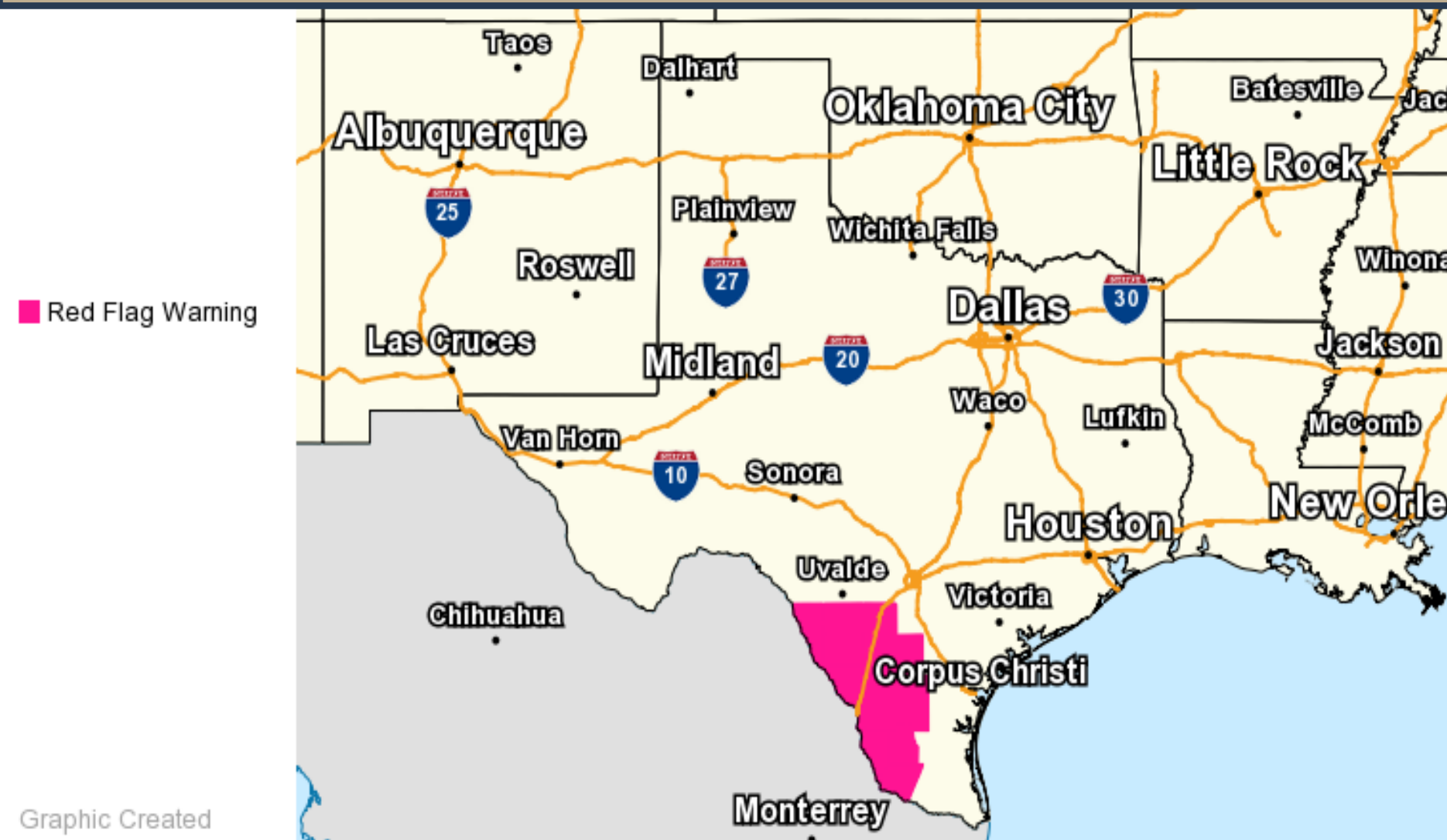


Watches, Warnings, and Advisories

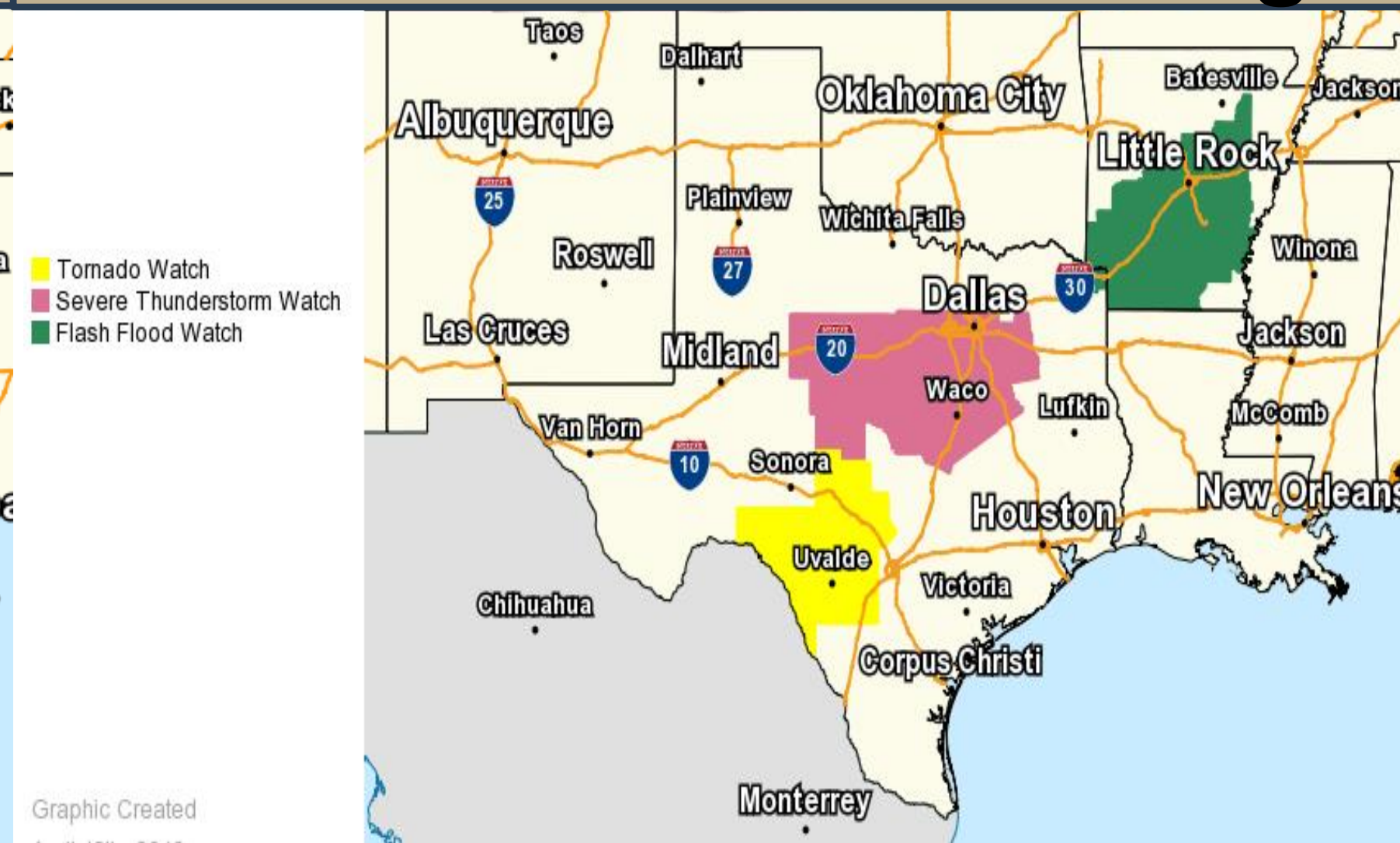


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Fire Weather



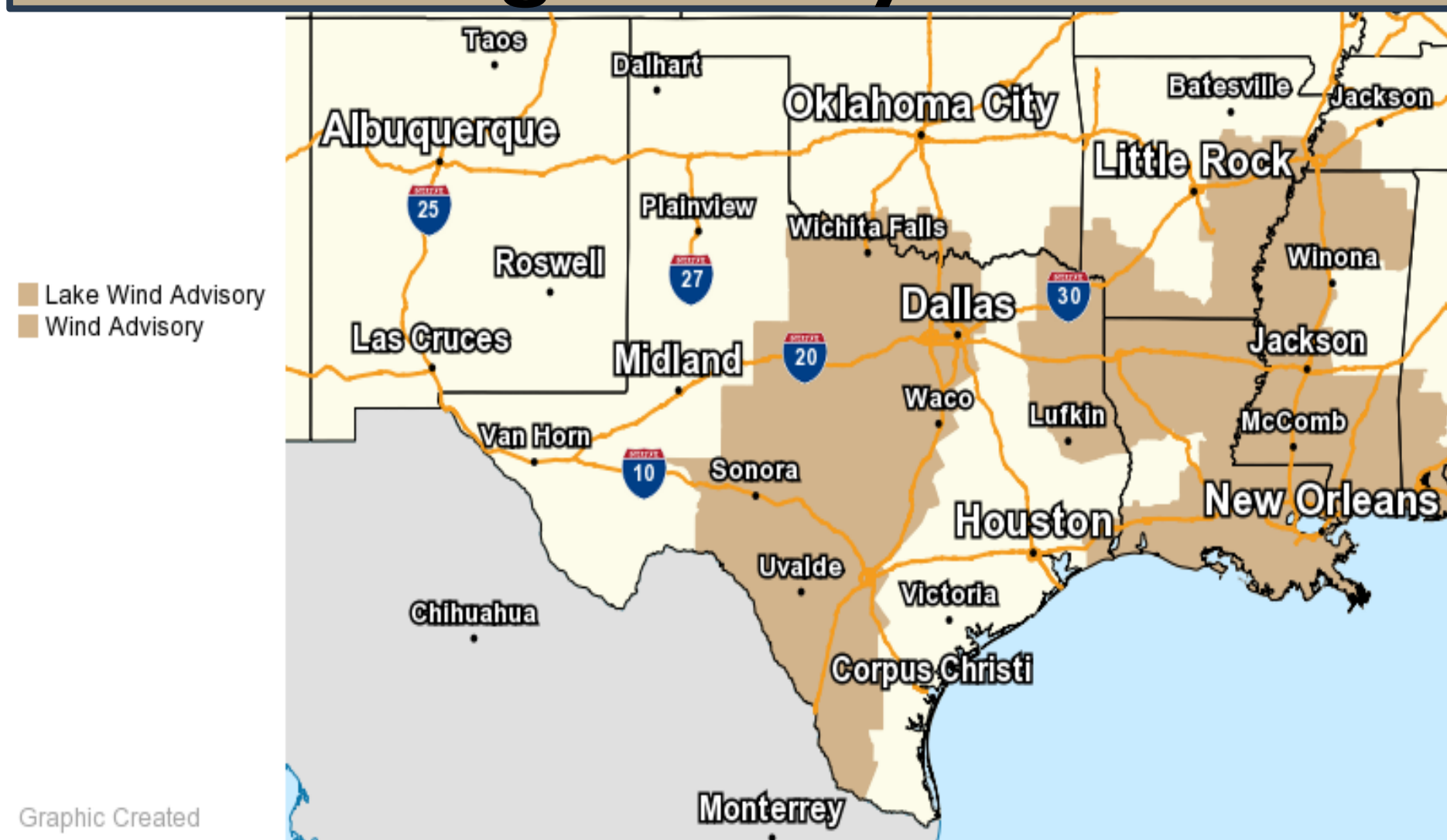
Severe Weather & Flooding



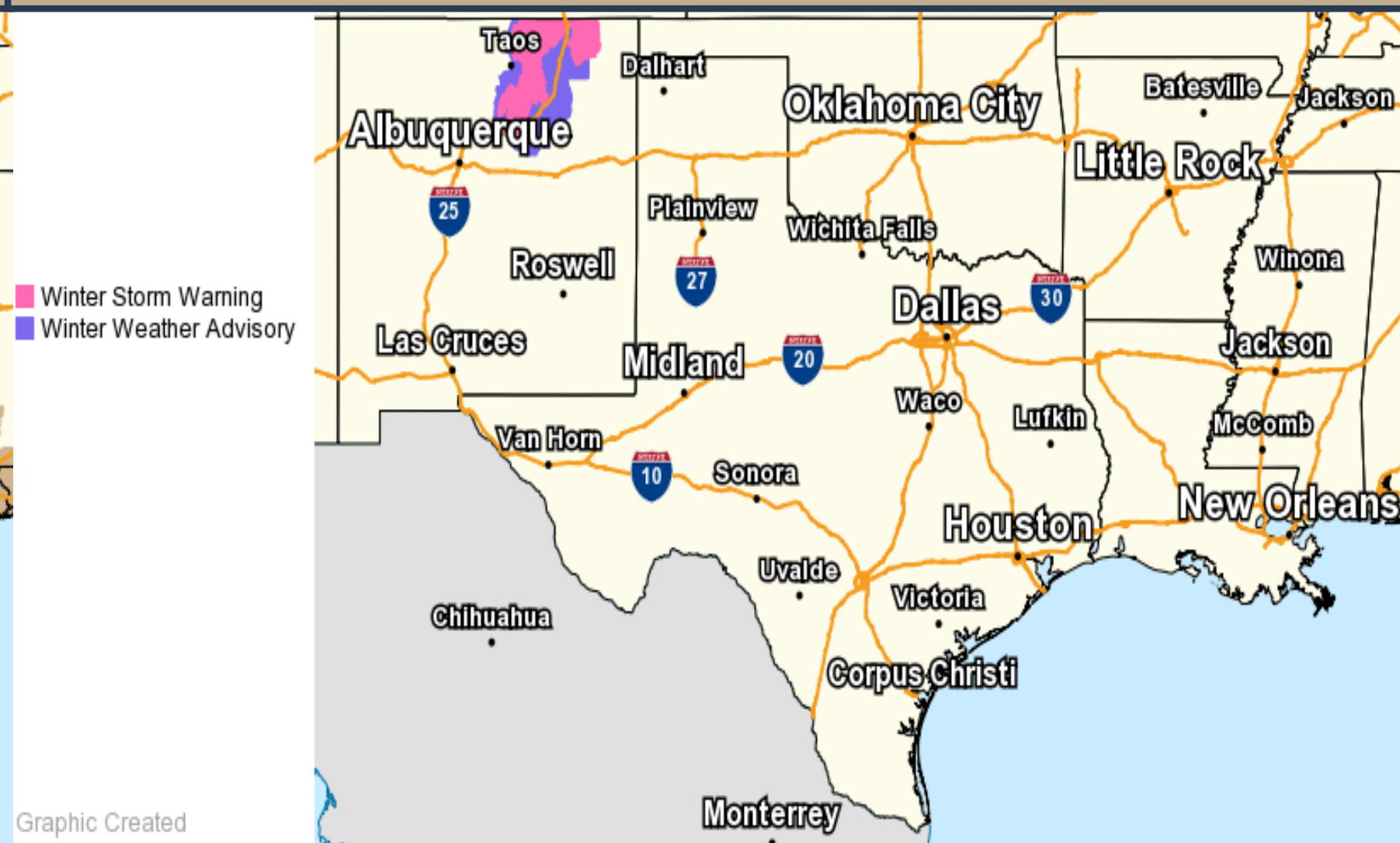
**Several
watches/warnings/advisories
in effect for today across
FEMA Region 6.**

**Go to
<https://www.weather.gov/>
for the latest updates throughout
the day!**

Strong & Gusty Winds



Winter Weather



Tomorrow's Weather

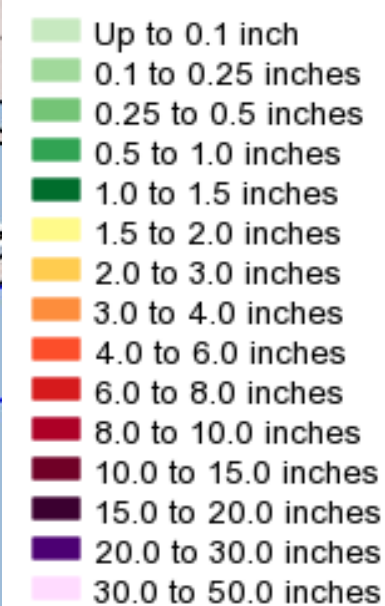
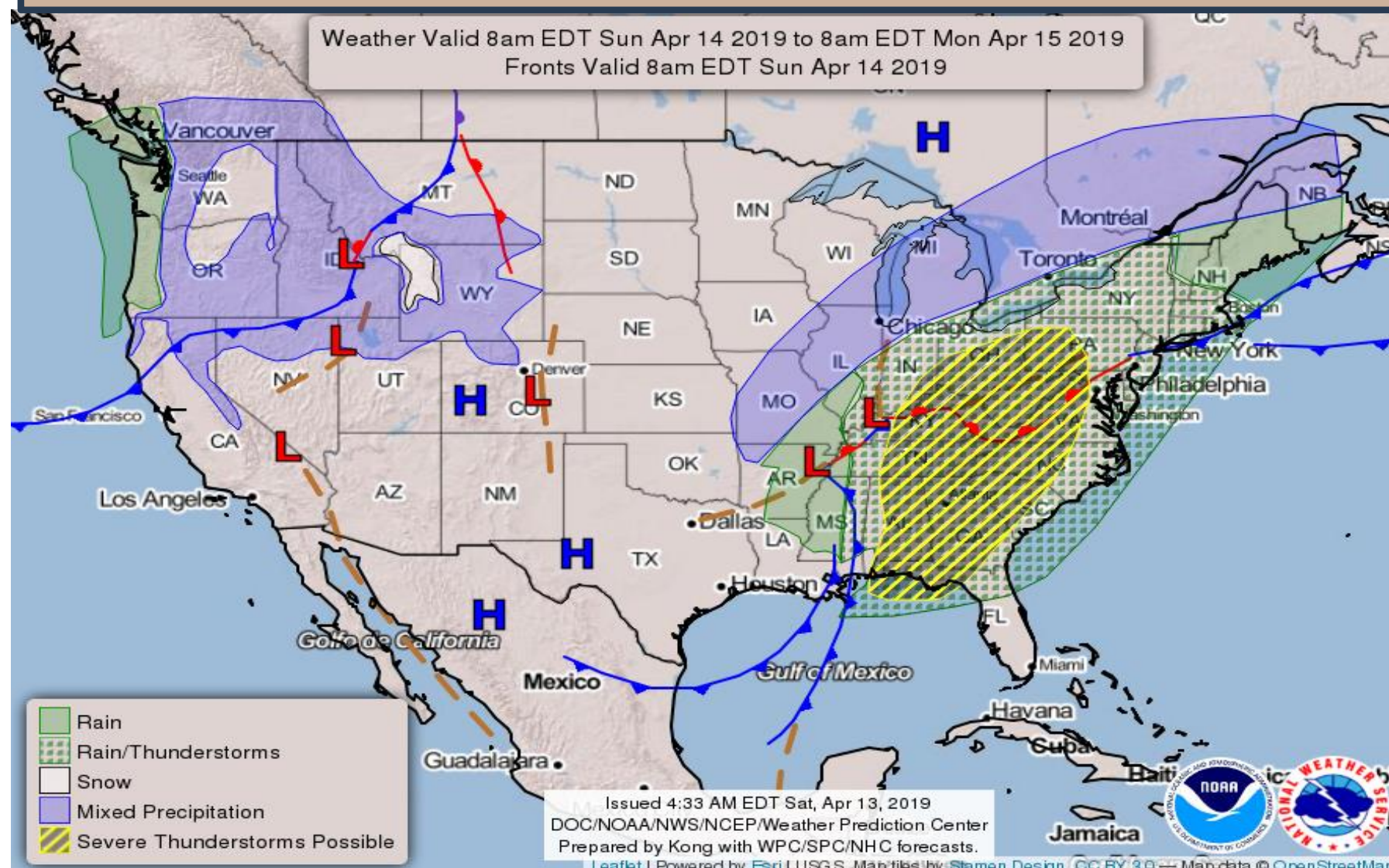


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Forecast Chart

Forecast Rainfall

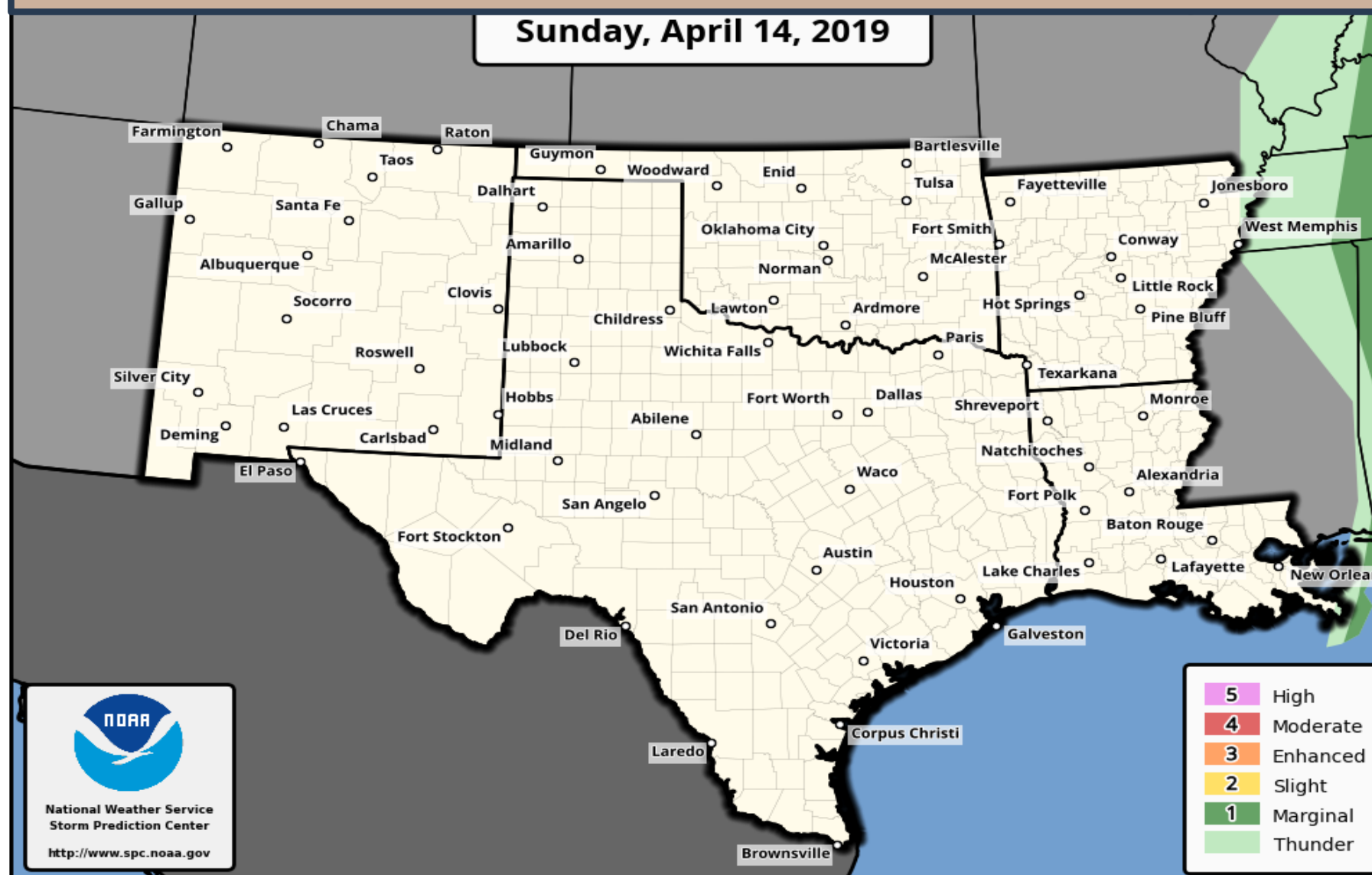
**Strong to severe
thunderstorms possible across
extreme SE LA early Sunday
morning.**



Graphic Created
April 13th, 2019
7:31 AM CDT

Severe Weather Outlook

Excessive Rainfall Outlook



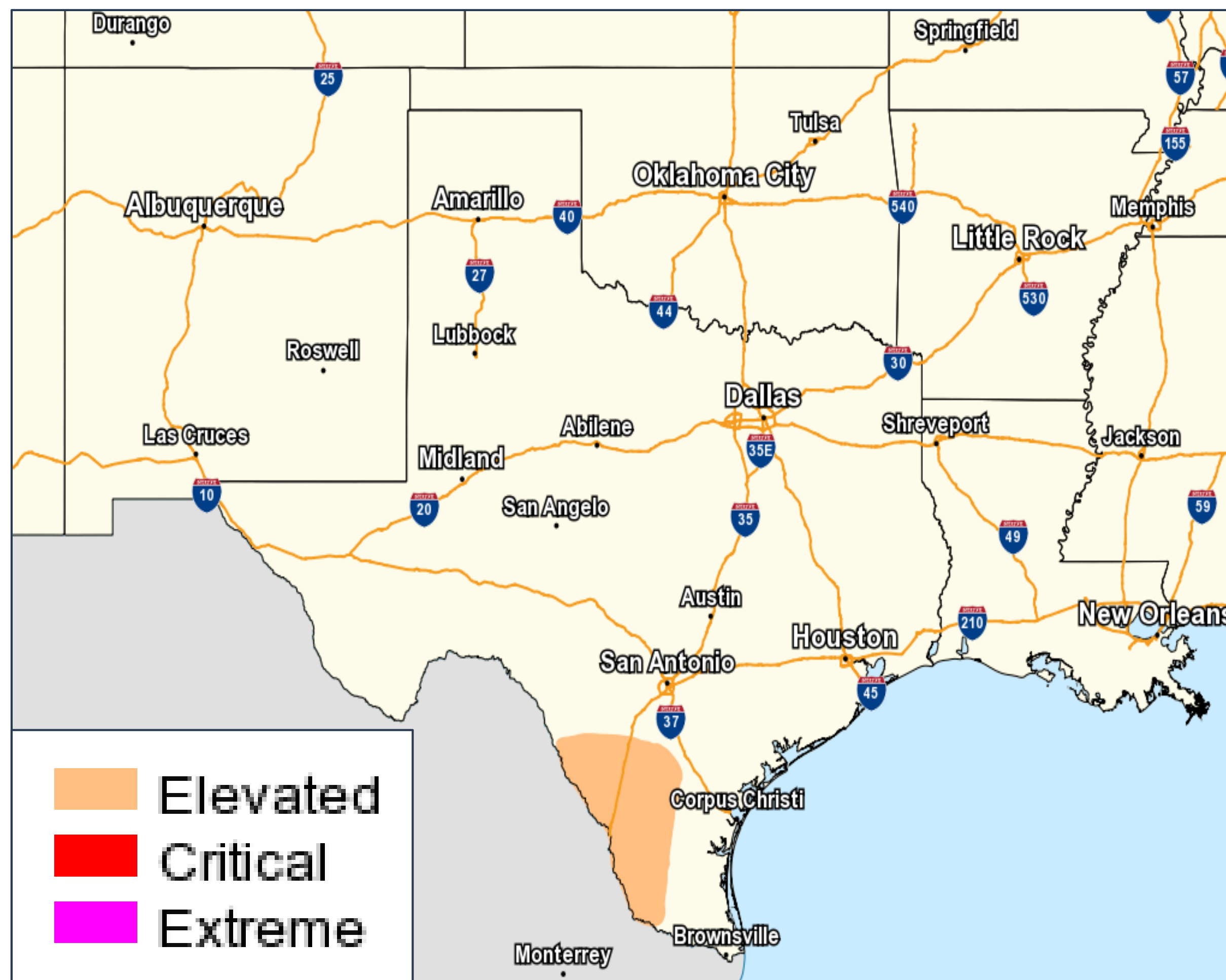
Graphic Created
April 13th, 2019
7:31 AM CDT

Fire Weather Outlooks

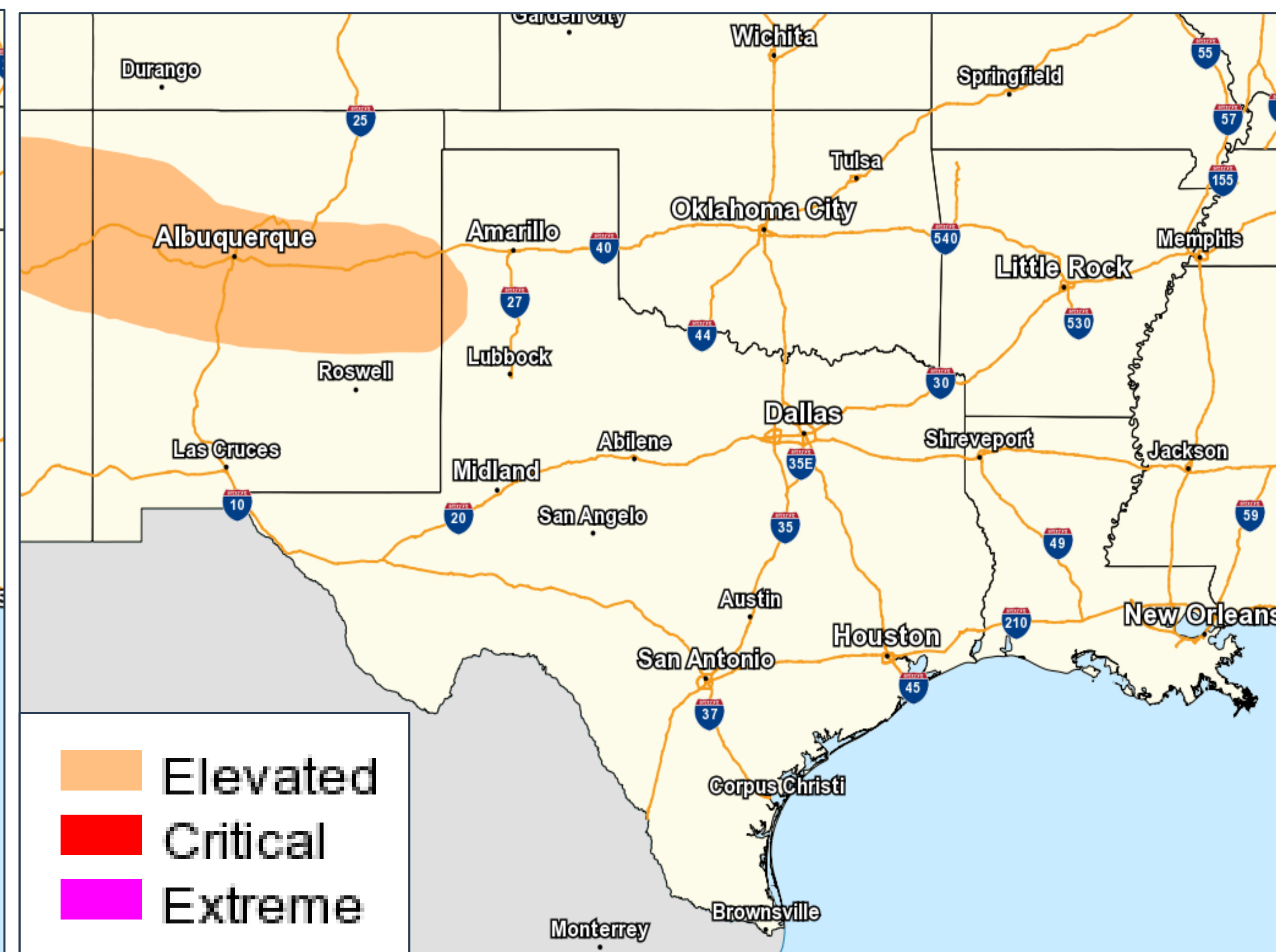


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook



Monday's Weather

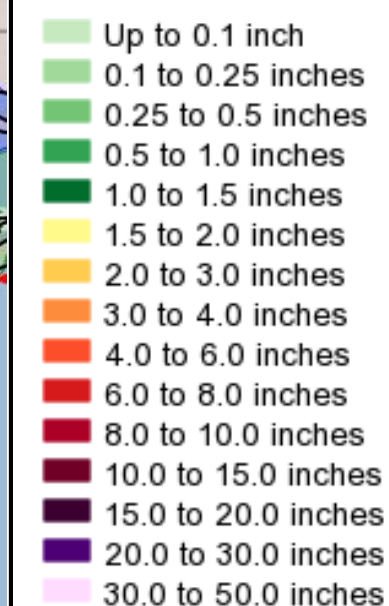
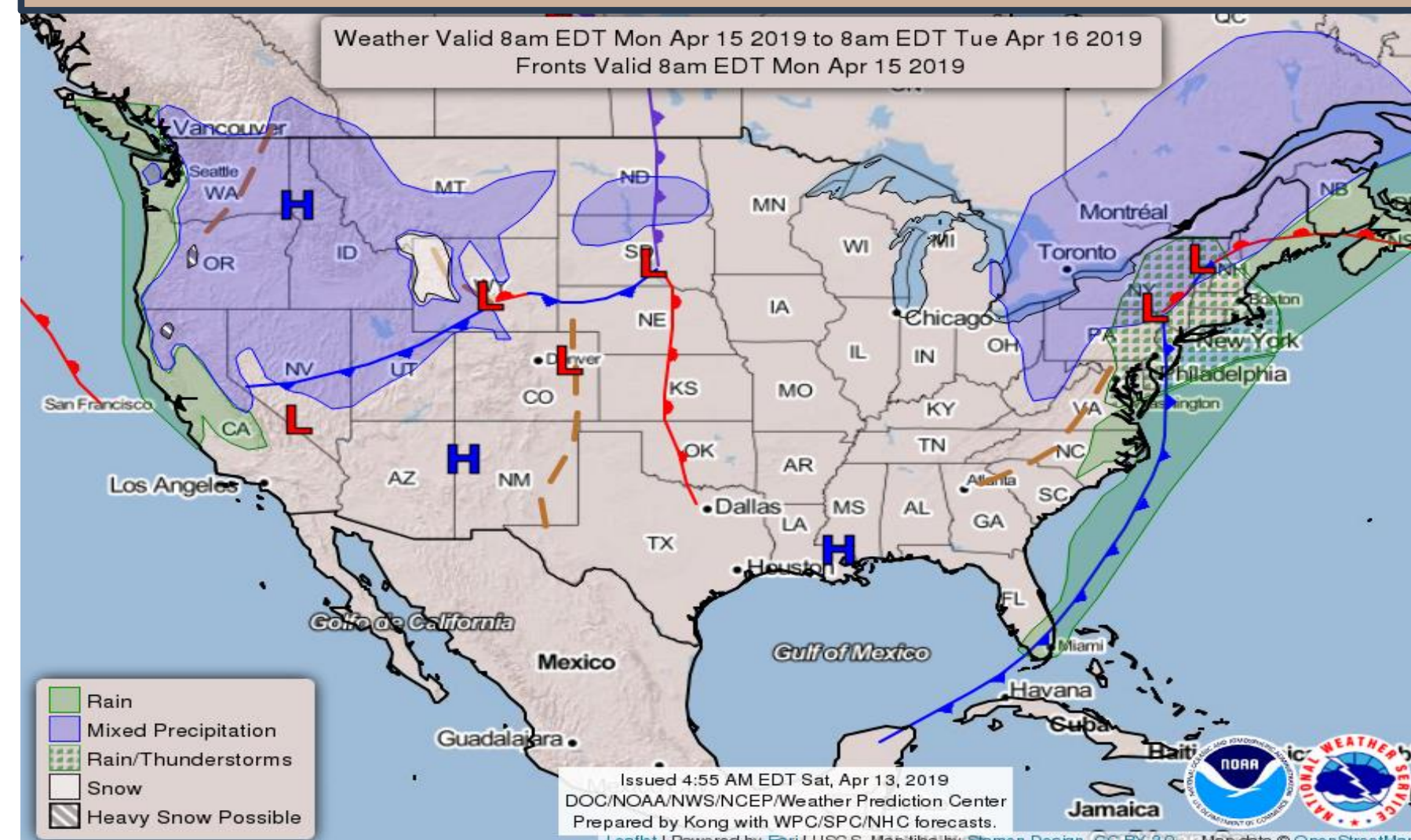


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Forecast Chart

Forecast Rainfall

No significant weather impacts expected.

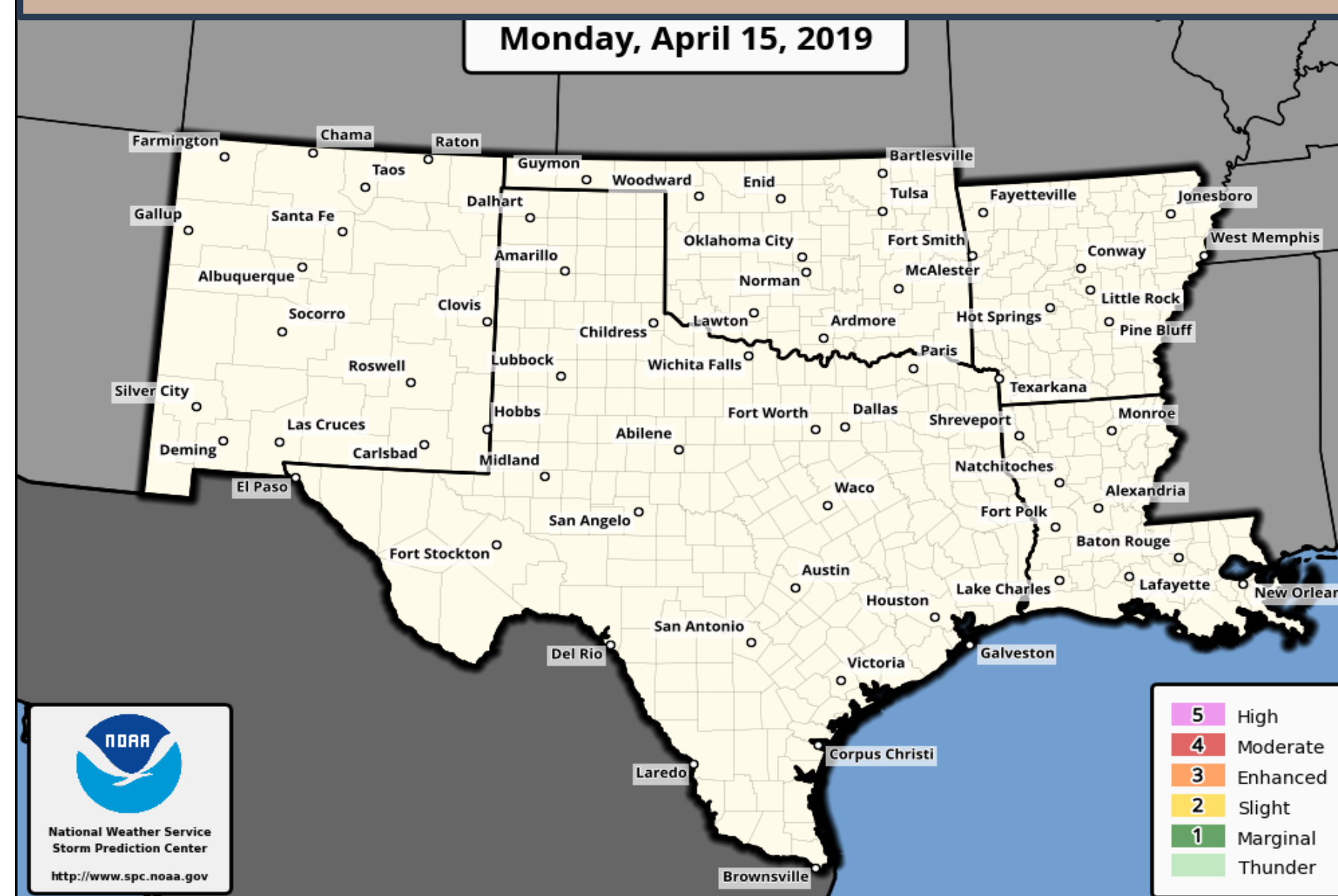


Graphic Created
April 13th, 2019



Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
April 13th, 2019
AM CDT

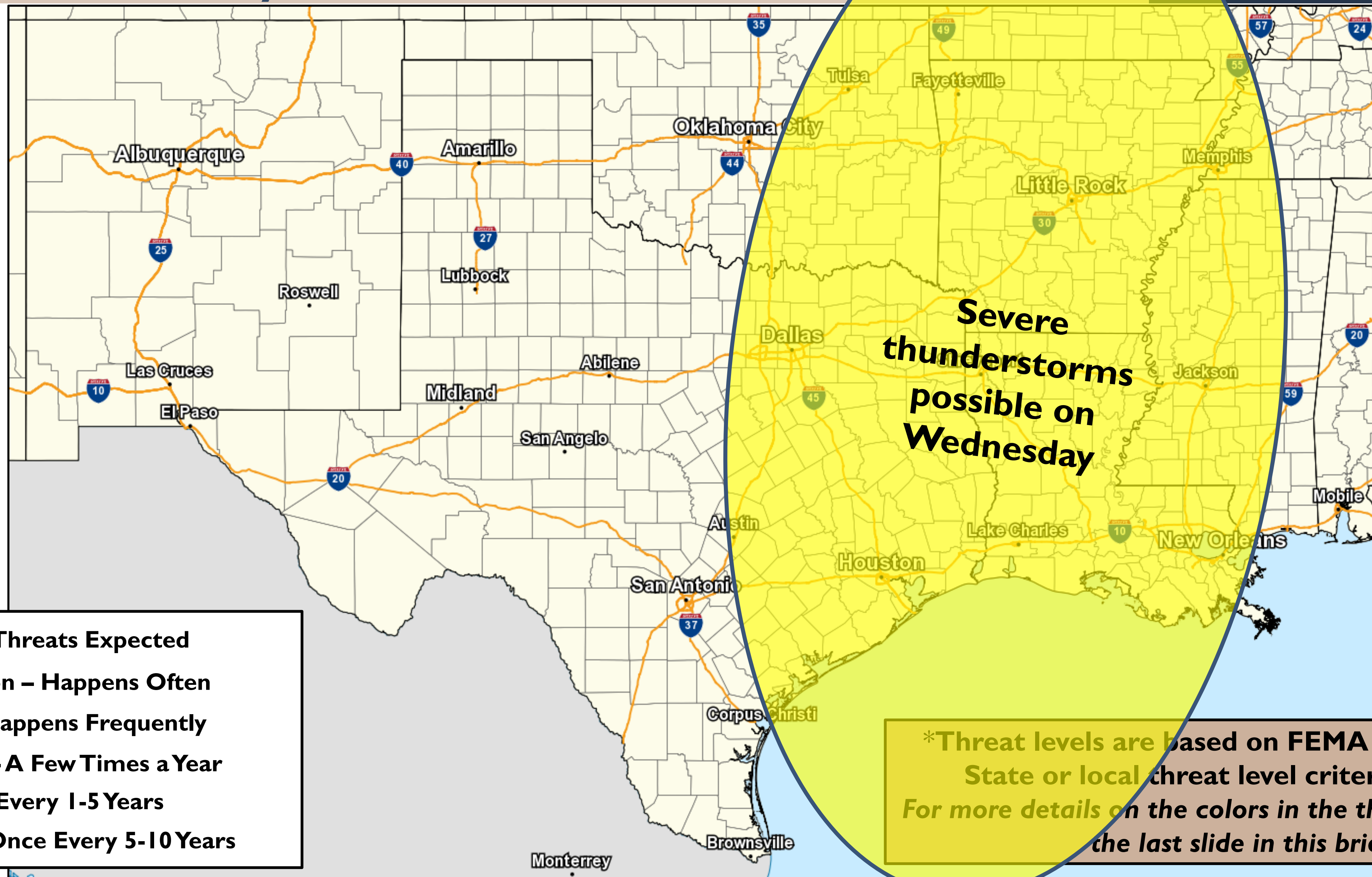


Days 4-5 Weather Hazards

Tuesday – Wednesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

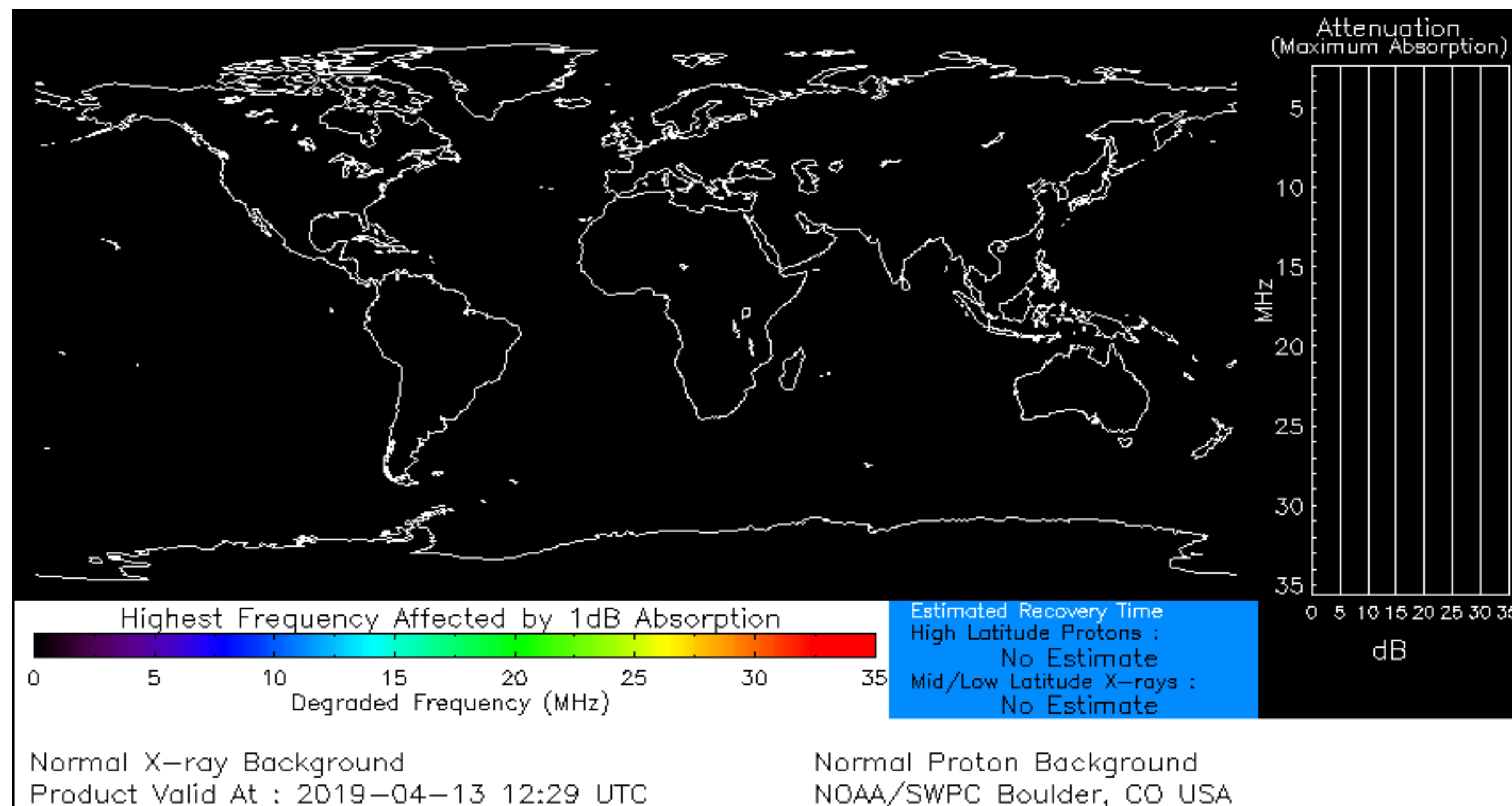
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Space Weather 3-Day Forecast



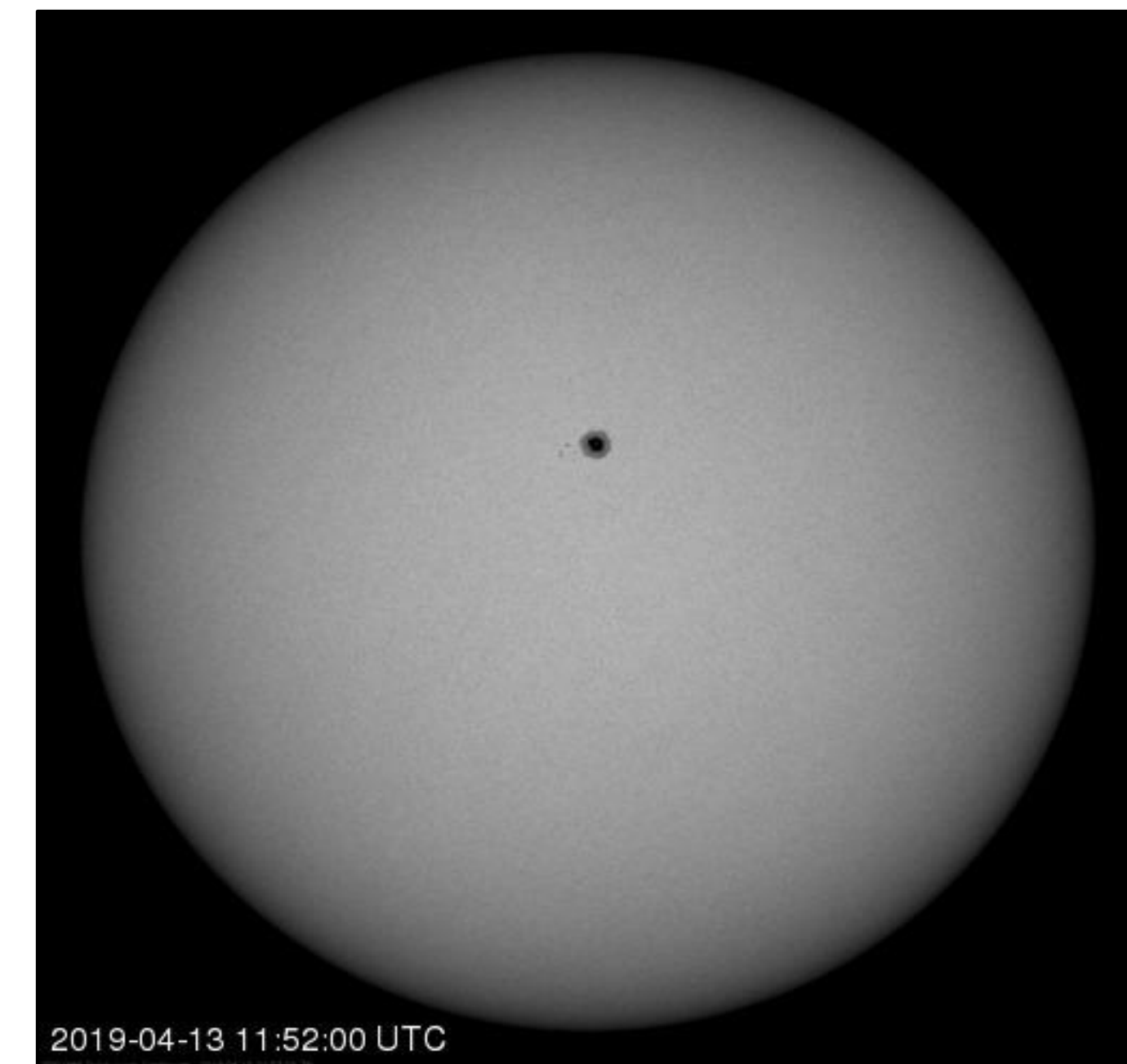
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	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov